



PATENT APPLICATION

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1742  
Jenkins

In re the Application of

Yukiko OZAKI et al.

Application No.: 09/817,171

Filed: March 27, 2001

Docket No.: 108789

For: LUBRICANTS FOR DIE LUBRICATION AND MANUFACTURING  
METHOD FOR HIGH DENSITY IRON-BASED POWDER COMPACTS

PRELIMINARY AMENDMENT

Director of the U.S. Patent and Trademark Office  
Washington, D. C. 20231

Sir:

RECEIVED  
FEB 08 2002  
TC 1700

Prior to initial examination, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Page 6, between lines 6 and 7, insert a new paragraph as follows:

group E: polypropylenes;

Page 6, lines 13-28, delete current paragraph and insert therefor:

A  
In the second aspect of the invention, the above-mentioned iron-based mixed powder is a mixture of the iron-based powder and a lubricant (lubricant for compacted powder), or is a mixture further comprising a powder for alloying. The content of the lubricant for compacting powder (means additive amount hereinafter) is preferably 0.05 to 0.40% by weight relative to the entire iron-based mixed powder. In the second aspect of the invention, the lubricant for compacting powder is preferably at least one kind of lubricant having a melting point higher than a predetermined temperature of the compaction pressure, or more preferably, is a mixed lubricant including a lubricant having a low melting point equivalent